

WEST VIRGINIA Table CT3. Total End-Use Energy Consumption Estimates, Selected Years, 1960-2016, West Virginia

Year	Coal Thousand Short Tons	Natural Gas ^a Billion Cubic Feet	Petroleum							Hydro- electric Power ^{f,g} Million Kilowatt- hours	Biomass		Geo- thermal ^g	Solar ^{g,j}	Retail Electricity Sales	Net Energy ^{g,k}	Electrical System Energy Losses ^l	Total ^{g,k}
			Distillate Fuel Oil	HGL ^b	Jet Fuel ^c	Motor Gasoline ^d	Residual Fuel Oil	Other ^e	Total		Wood and Waste ^{g,h}	Losses and Co- products ⁱ			Million Kilowatt- hours			
1960	8,179	149	2,472	558	169	11,609	1,448	6,574	22,830	540	--	--	--	--	8,763	--	--	--
1970	10,487	181	3,914	1,230	290	15,831	1,635	4,883	27,784	558	--	--	--	--	15,122	--	--	--
1980	6,440	143	9,862	3,435	353	19,390	1,463	5,188	39,692	690	--	--	--	--	20,831	--	--	--
1990	5,023	120	10,230	1,612	273	19,643	1,268	4,566	37,591	610	--	--	--	--	23,132	--	--	--
2000	3,268	147	12,090	1,578	189	19,424	293	3,910	37,484	453	--	--	--	--	27,693	--	--	--
2001	2,928	138	12,133	1,386	191	19,717	228	5,797	39,451	439	--	--	--	--	27,669	--	--	--
2002	2,952	145	14,608	992	249	19,288	113	5,902	41,152	467	--	--	--	--	28,463	--	--	--
2003	2,755	125	12,284	1,192	262	19,592	50	5,105	38,485	726	--	--	--	--	28,297	--	--	--
2004	2,790	121	13,301	1,638	252	20,341	344	6,212	42,088	711	--	--	--	--	28,919	--	--	--
2005	2,431	115	14,057	1,048	238	20,203	440	5,973	41,960	556	--	--	--	--	30,152	--	--	--
2006	2,225	109	14,716	1,491	231	20,326	336	6,064	43,165	524	--	--	--	--	32,312	--	--	--
2007	2,652	112	14,420	1,176	236	20,217	999	5,911	42,960	449	--	--	--	--	34,184	--	--	--
2008	2,493	110	14,216	1,307	227	18,569	606	6,278	41,202	427	--	--	--	--	34,221	--	--	--
2009	1,848	109	12,287	1,165	198	20,042	86	2,720	36,499	619	--	--	--	--	30,271	--	--	--
2010	2,491	112	12,964	3,755	204	20,460	39	^R 2,273	^R 39,696	498	--	--	--	--	32,032	--	--	--
2011	2,475	113	12,881	3,691	203	19,483	45	^R 2,487	^R 38,789	559	--	--	--	--	31,239	--	--	--
2012	1,893	127	12,576	3,583	197	19,051	231	^R 2,278	^R 37,916	547	--	--	--	--	30,817	--	--	--
2013	1,757	139	12,942	4,053	210	18,791	166	^R 2,200	^R 38,362	659	--	--	--	--	31,400	--	--	--
2014	1,678	^R 159	12,464	3,660	216	19,454	72	^R 2,067	^R 37,934	529	--	--	--	--	32,696	--	--	--
2015	1,526	161	11,649	3,627	207	^R 19,269	99	^R 2,465	^R 37,316	553	--	--	--	--	32,303	--	--	--
2016	1,100	161	13,130	3,427	209	19,691	55	2,731	39,243	496	--	--	--	--	32,076	--	--	--

Trillion Btu

1960	213.9	154.6	14.4	2.2	0.9	61.0	9.1	39.0	126.6	5.8	13.4	NA	NA	NA	29.9	544.1	73.9	618.1
1970	265.2	185.8	22.8	4.6	1.6	83.2	10.3	29.3	151.8	5.9	10.7	NA	NA	NA	51.6	671.0	124.8	795.8
1980	166.1	147.6	57.4	12.6	2.0	101.9	9.2	30.9	214.0	7.2	11.9	NA	NA	NA	71.1	617.7	170.7	788.5
1990	128.7	128.9	59.6	5.9	1.5	103.2	8.0	27.5	205.6	6.3	5.0	0.0	0.0	(s)	78.9	553.5	151.0	704.5
2000	86.6	157.4	70.4	5.8	1.1	101.3	1.8	23.8	204.2	4.6	5.4	0.0	(s)	(s)	94.5	552.9	185.6	738.5
2001	77.1	147.9	70.6	5.2	1.1	102.8	1.4	35.0	216.2	4.5	4.7	0.0	(s)	(s)	94.4	544.9	187.8	732.7
2002	77.8	153.6	85.0	3.7	1.4	100.5	0.7	36.0	227.4	4.7	4.1	0.0	(s)	(s)	97.1	564.8	192.4	757.2
2003	72.3	133.2	71.5	4.5	1.5	101.9	0.3	30.9	210.6	7.3	4.3	0.0	(s)	(s)	96.5	524.3	189.1	713.4
2004	72.1	127.9	77.4	6.2	1.4	105.8	2.2	36.4	229.3	7.1	4.3	0.0	(s)	(s)	98.7	539.5	197.0	736.5
2005	61.6	122.6	81.8	4.0	1.4	105.0	2.8	34.9	229.8	5.6	12.3	0.0	(s)	(s)	102.9	534.8	202.8	737.6
2006	56.6	122.5	85.4	5.6	1.3	105.5	2.1	35.8	235.7	5.2	10.9	0.0	(s)	(s)	110.2	541.1	219.6	760.8
2007	67.5	120.6	83.4	4.4	1.3	104.2	6.3	34.9	234.6	4.4	11.9	0.0	(s)	(s)	116.6	555.6	234.4	790.0
2008	63.8	117.6	82.2	4.9	1.3	95.2	3.8	37.6	225.0	4.2	13.0	0.0	(s)	(s)	116.8	540.4	236.1	776.6
2009	47.4	117.5	71.0	4.4	1.1	102.2	0.5	16.9	196.2	6.0	21.7	0.0	(s)	(s)	103.3	492.2	214.3	706.5
2010	63.8	120.2	74.9	14.4	1.2	103.9	0.2	R 14.3	R 208.9	4.9	R 19.8	0.0	(s)	(s)	109.3	R 527.0	221.0	R 748.0
2011	63.3	122.3	74.4	14.1	1.1	98.7	0.3	R 15.8	R 204.5	5.4	R 19.5	0.0	(s)	0.1	106.6	R 521.7	213.9	R 735.6
2012	50.7	137.7	72.6	13.7	1.1	96.5	1.5	R 14.4	R 199.8	5.2	R 18.1	0.0	(s)	0.1	105.1	R 516.8	213.2	R 730.0
2013	46.6	149.9	74.7	15.5	1.2	95.1	1.0	R 13.8	R 201.4	6.3	R 24.2	0.0	(s)	0.1	107.1	R 535.6	216.0	R 751.6
2014	44.8	173.2	71.9	14.0	1.2	98.4	0.5	R 12.9	R 199.0	5.0	R 24.5	0.0	(s)	0.1	111.6	R 558.2	223.2	R 781.4
2015	41.0	R 176.9	67.2	13.9	1.2	R 97.5	0.6	R 15.5	R 195.9	5.2	R 19.3	0.0	(s)	0.1	110.2	R 548.7	227.1	R 775.8
2016	30.6	176.6	75.7	13.1	1.2	99.6	0.3	17.3	207.3	4.6	16.3	0.0	(s)	0.1	109.4	545.0	221.2	766.2

^a Natural gas as it is consumed; includes supplemental gaseous fuels that are commingled with natural gas.

^b Hydrocarbon gas liquids, include natural gas liquids and refinery olefins.

^c Through 2004, includes kerosene-type and naphtha-type jet fuel. Beginning in 2005, includes kerosene-type jet fuel only; naphtha-type jet fuel is included in "Other Petroleum."

^d Beginning in 1993, includes fuel ethanol blended into motor gasoline.

^e Includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke, and the "other petroleum products" category. See Technical Notes, Section 4.

^f Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, which cannot be separately identified.

^g There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.

^h Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.

ⁱ Losses and co-products from the production of fuel ethanol.

^j Solar thermal and photovoltaic energy. Includes a small amount of wind energy consumed by commercial and industrial utility-scale facilities.

^k Beginning in 2009, includes wind energy consumed by the commercial and industrial sectors. For 1981 through 1992, includes fuel ethanol blended into motor gasoline that is not included in the motor gasoline column. Beginning in 1980, adjusted for the double-counting of supplemental gaseous fuels, which are included in both natural gas and the other fossil fuels from which they are mostly derived, but should be counted only once in net energy and total.

^l Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses. Pre-1990 estimates are not comparable to those for later years. See Section 6 of Technical Notes for an explanation of changes in methodology.

-- = Not applicable. NA = Not available.

Where shown, R = Revised data and (s) = Physical unit value less than 0.5 or Btu value less than 0.05.

Notes: Total end-use consumption estimates are the sum of the consumption estimates for the residential, commercial, industrial, and transportation sectors. • Totals may not equal sum of components due to independent rounding. • The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the Technical Notes for each type of energy.

Web Page: All data are available at <https://www.eia.gov/state/seds/seds-data-complete.php>.

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.